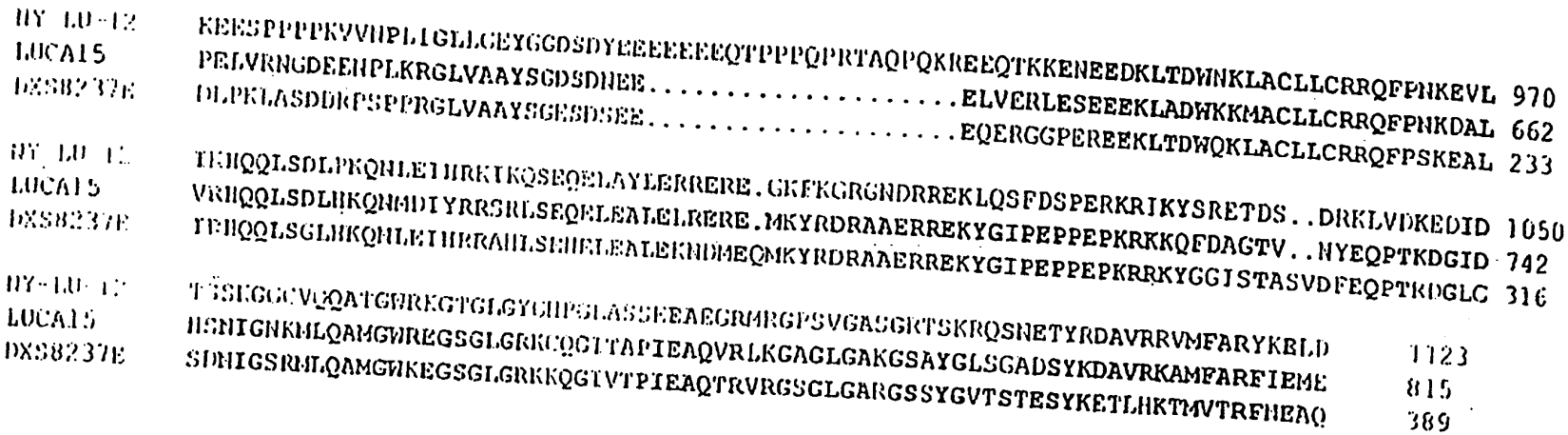

HY-LO-12 KEESPPPPKVVHPLIGLLGEYGGDSDYEEEEEEEQTPPPQPRTAQPQKREEQTKKENEEDKLTDWNKLACLLCRRQFPNKEVL 970
LUCA15 PELVRNGDEENPLKRGLVAAYSGDSDNEE.....ELVERLESEEEKLADWKKMACLLCRRQFPNKDAL 662
DXS8237E DLPKLASDDRPSPPRGLVAAYSGESDSEE.....EQERGGPEREEKLTDWQKLACLLCRRQFPSKEAL 233
HY-LO-12 TEHQQLSDLPKQHLETHRKTKQSEQELAYLERRERE.GKFKGRGNDRREKLQSFDSPERKRIKYSRETDS..DRKLVDKEDID 1050
LUCA15 VRHQQLSDLHKQNMDIYRRSRLSEQELEALELRERE.MKYRDRAAERREKYGIPEPPEPKRKKQFDAGTV..NYEQPTKDGID 742
DXS8237E TEHQQLSGLHKQHLETHRRAHLSEHELEALEKNDMEQMKYRDRAAERREKYGIPEPPEPKRRKYGGISTASVDFEQPTKDGLC 316
HY-LO-12 TGSKGGCVLQATGWRKGTGLGYGHPGLASSEEAEGRMRGPSVGASGRTSKRQSNETYRDAVRRVMFARYKELD 1123
LUCA15 HGNIGNKMLQAMGWREGSGLGRKCQGTTAPIEAQVRLKGAGLGAKGSAYGLSGADSYKDAVRKAMFARFIEME 815
DXS8237E SDNIGSRMLQAMGWKEGSGLGRKKQGTVTPIEAQTRVRGSGLGARGSSYGVTSTESYKETLHKTMVTRFHEAQ 389

Figure 1

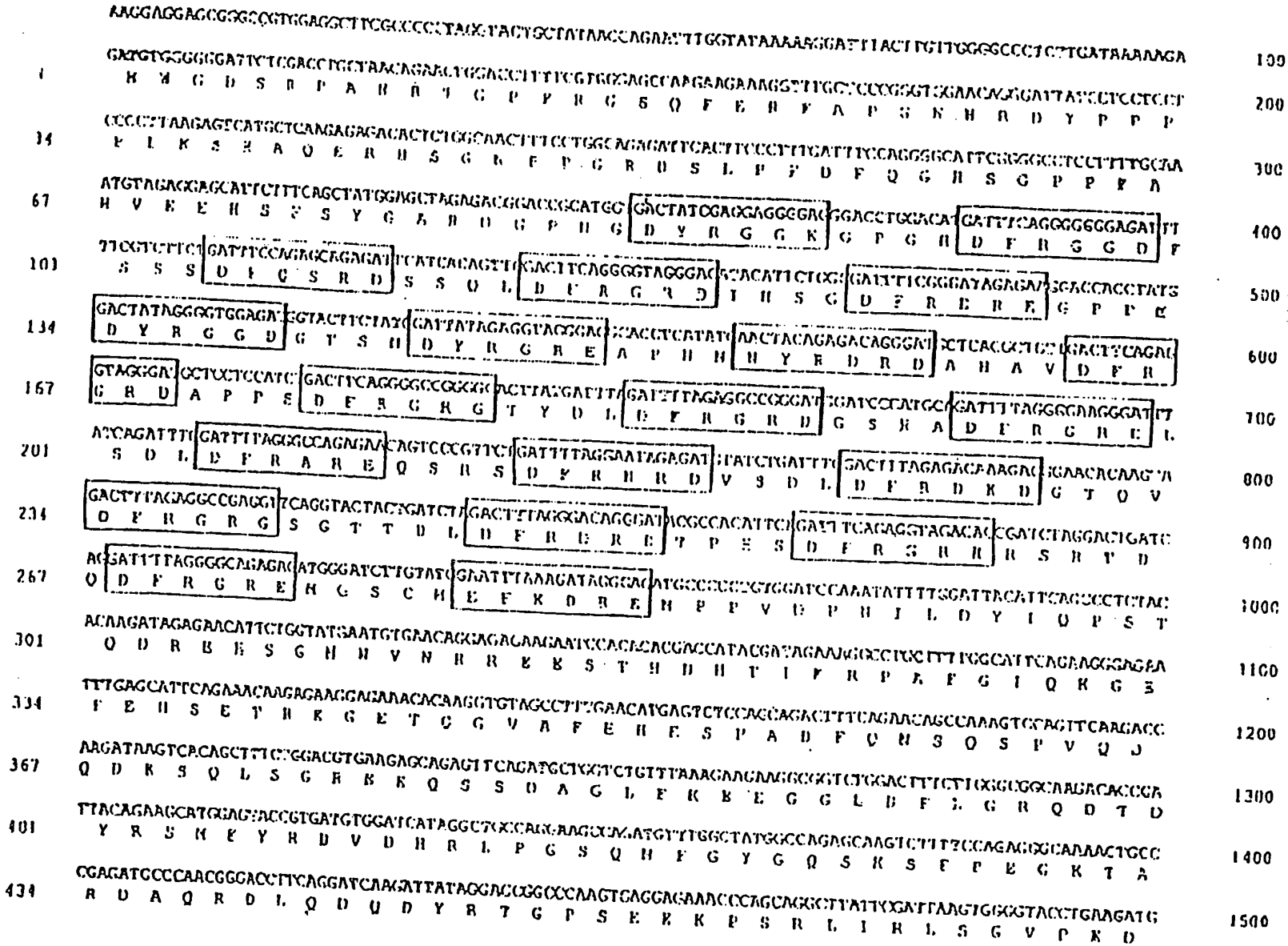


Figure 2

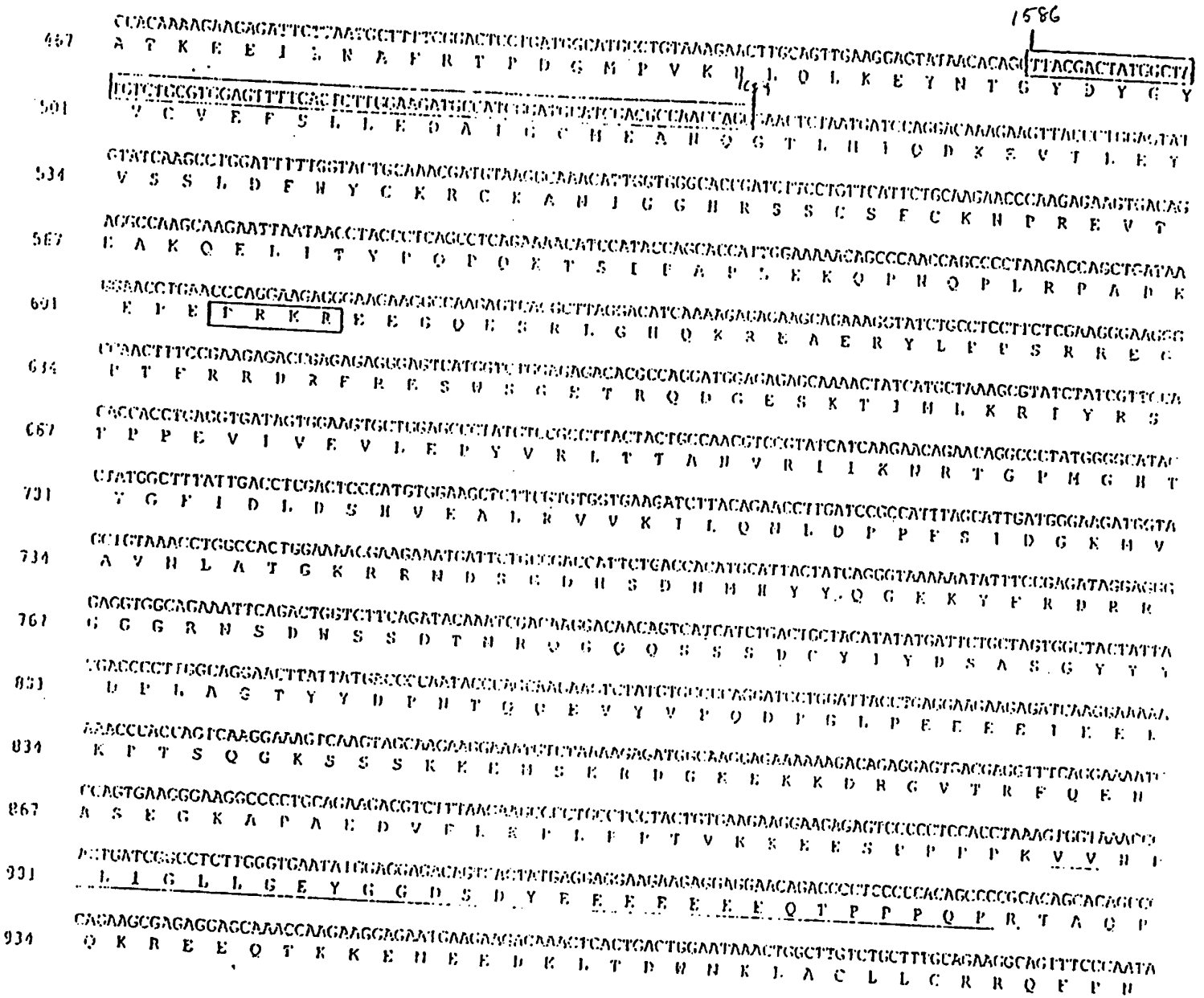


Fig 2 (cont'd)

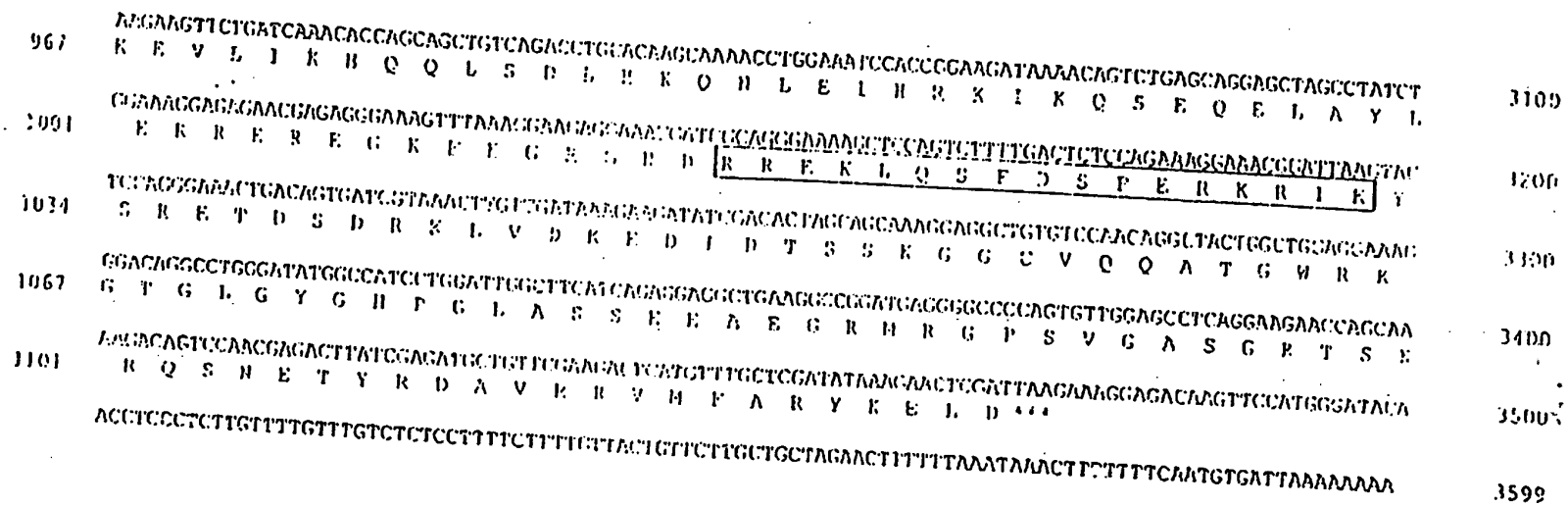
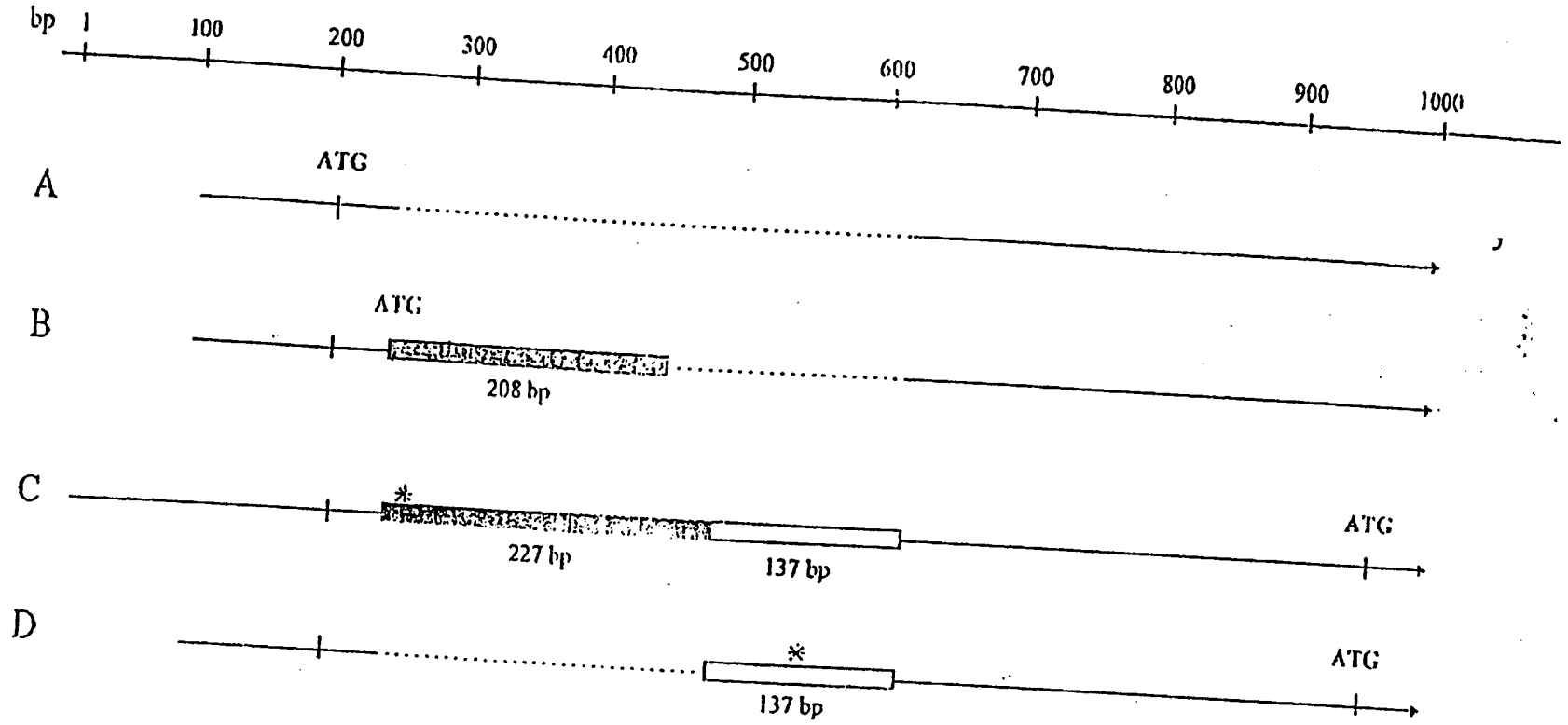



Fig 2 (cont'd)




Transcript Variant B

AAGGAGGAGCGGGCCGTGGAGGCTTCGCCGCCTAGGTACTGCTATAACCAGAATTTGGTATAAAAAGGATTTACTTGTTGGGGCCCTCTTGATAAAAAGAGATGTGGGGGGATTCTCGAC 120 (120)

CTGCTAACAGAACTGGACCTTTTC[AGATGGCGTTTCGCCGTGTTGCCCGGGCTGGTCTCGGACTCCTGACCTCAAGTGATCCACCTACCTCGGCCTCCCAAAGTGCTGGGACTATAGGT 240 (145)

1 M A F R R V S R A G L G L L T S S D F P T S A S Q S A G T I G

TGAGCCACCGCACCTGGCATTTGGATTGGCAATCTGCAAGATTTTATATTCTTGTGCAACAGATGTTCTCATTCATTGTTCTGAAGCTTGGAGTTCCAATGAAAATTTAG TGGGAGC 360 (152)

V S H R T C H L D W Q S A E F Y Y L H A T D V I I H C S E A W S S H E K F S G S

CAAGAAGAAAGGTTTGCTCCGGGTGG..

Q E E R F A P G W..

Fig. 3a

09/462565

Figure 3b.

227bp exon:
GACTGGGTGAAAGCTTTTTCTGCAGCAGTCATGTTAAAAACCTTGTGTTGACTTTCCTCG
TGTTCTGAAACTAAC
AGAACTGGACCTTTTCGGACTGGGTGAAAGCTTTTTCTGCAGCAGTCATGTTGAAAACC
TTGTGTTGACTTTCTT
CGTGTTCTGAAATGGGAGCATAAAAGTTTACTCCGCCACTTCGTCTTAAAATAGCAAAAC
TTTGCTGTTTTCTGCAG

137bp exon:
ATCTAGGACCTTGTTACAGAACTCTGCCAAAAAAAAAATGTTTACAGAAGAATGTGCTGT
GATTAGAGAAGAATA
TGCTGGTGTGTAGATTTCAAACTCTCTGGACAATATGAATAACACTGTCTTTGTTTCTAC
AG

09/462729

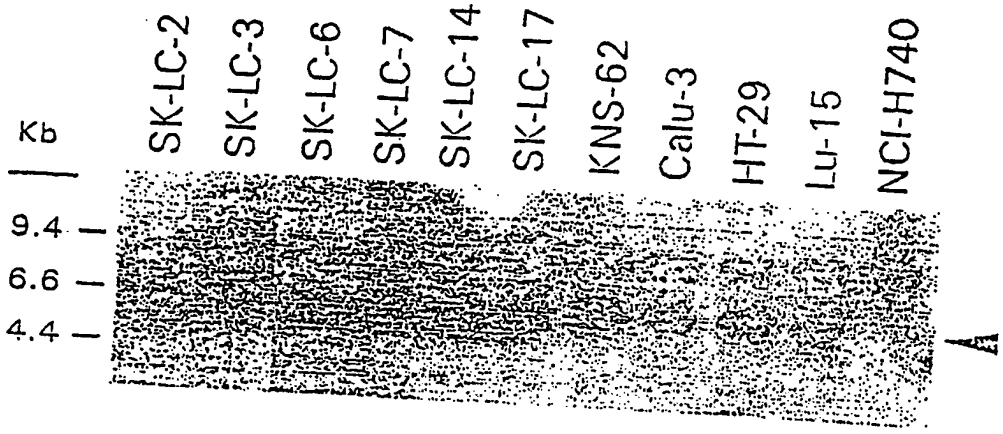



Figure 4

09/462928

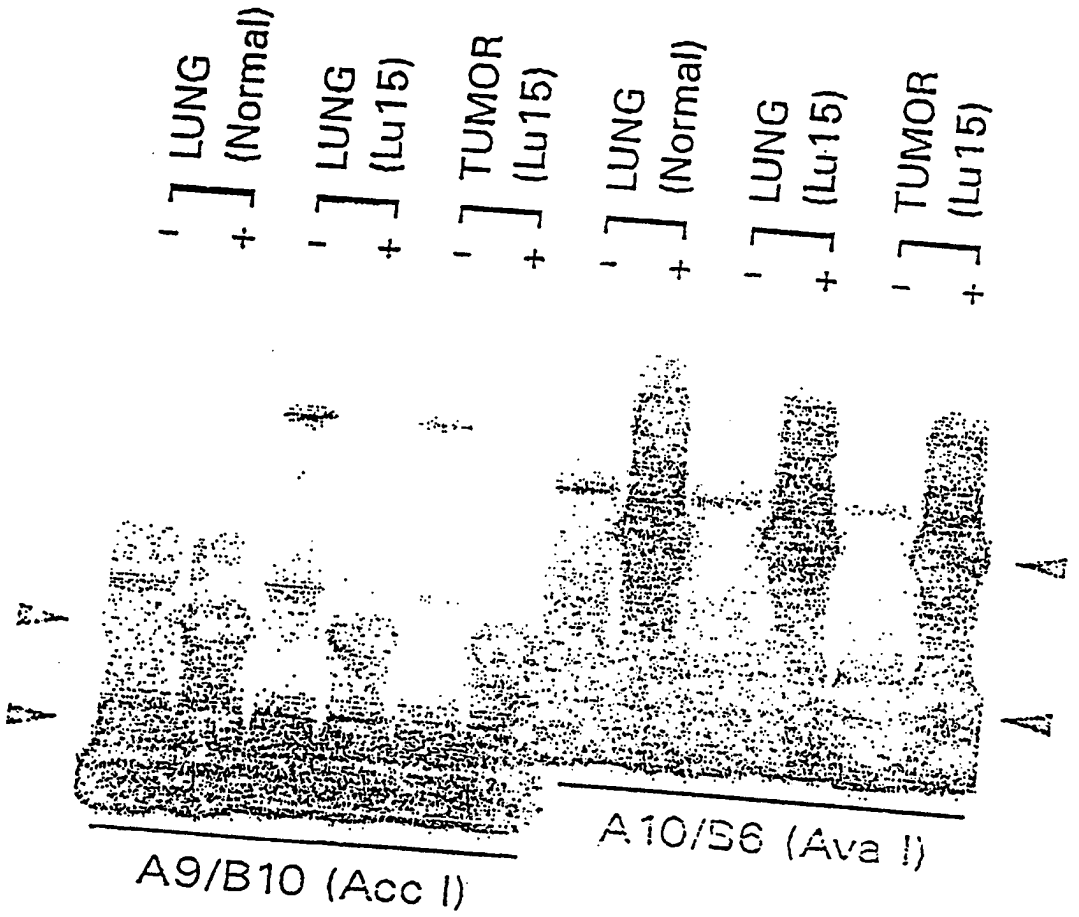



Figure 5